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| ResearcherID | F-3052-2014 | ORCID | 0000-0003-3030-2360 |
| PROFESSIONAL POSITIONS | 2013-Present 2005-Present 2002-2005 1999-2002 | JPL Astrophysics & Space Sciences Section Manager JPL Research Scientist, Astrophysics & Space Sciences Section Space Telescope Science Institute, Postdoctoral Researcher University of Oxford, Postdoctoral Researcher | |
| PROFESSIONAL ROLES | 2012-Present 2018-2020 2017-2018 2007 2005-2006 | NASA Science Team of ESA/ <i>Euclid</i> dark energy mission NASA Astrophysics Advisory Committee (APAC) Member WFIRST <i>Nancy Grace Roman</i> Space Telescope Deputy Project Scientist Caltech, Lecturer in Physics Joint-Efficient Dark Energy Investigation (JEDI), JPL Study Scientist | |
| SELECT PROFESSIONAL SERVICE | 2019-Present 2016-2020 2018-Present 2010-2019 2006-2009 2003 Multiple Multiple Multiple Multiple | JPL NASA Honor Award Board, representing ESD LUVOIR Flagship Study Science & Technology Definition Team Member Hellenic Ministry of Education National Selection Committee <i>Hubble</i> Space Telescope Financial Review Committee Multimission Archive at STScI Users Group Committee, Chair 2007-2009 Lecturer, <i>Vatican Observatory Summer School</i> , Castel Gandolfo, Italy NASA ROSES Panels, including Chair <i>Hubble</i> , <i>Spitzer</i> , <i>Keck</i> , Gemini, Telescope Allocation Committees <i>Hubble</i> , <i>Spitzer</i> , NASA, Postdoctoral Fellowship Selection Committees Referee for professional journals and international funding agencies | |
| ADDITIONAL EXPERIENCE | | Principal Investigator of NASA Explorer 2011 OMEGA Proposal, Ranked <i>Selectable</i> Principal Investigator on many R&A programs including ROSES, <i>HST</i> , <i>Spitzer</i> , JPL/PDF Representing JPL in NASA HQ Astrophysics Research Capability Management activities | |
| SELECT LEADERSHIP INITIATIVES AT JPL | | Exoplanetary Science Initiative - Co-development, Advocacy, Implementation Science-Mission Interface Workshops - Concept, Advocacy, Implementation Astrophysics Section Diversity and Inclusion Best Practices - Charter and Implementation Astrophysics Section Proposal Process - Development and Implementation ESD Strategic Initiative on Science System Engineering (2014-2017) - Concept and Co-Lead ESD Strategic Initiative on Water in the Universe (2020-Present) - Concept and Lead | |
| SELECT AWARDS | 2019 2015 | NASA GAA, Astrophysics Large Mission Study Teams for Astro2020 JPL Voyager, For Leading Exoplanet Science Strategic Initiative | |
| REFEREED PUBLICATIONS | | Link: 156 Papers ; 18.2K refereed citations to date; 16 papers as first or second author Career Hirsch-index=74 (74 refereed publications have 74 or more citations) | |
| POSTDOCTORAL MENTORING | | Anna Nierenberg, 2018-2020, NASA Postdoctoral Fellow, now Faculty at U.C. Merced Francis-Yan Cyr-Racine, KISS Fellow, 2012-2015, now Faculty at University of New Mexico Julian Merten, Caltech Postdoc, 2012-2015, now Marie Curie Fellow & Lecturer, Oxford Kyle Stewart, NASA Fellow, 2009-2012, now Faculty at Cal Baptist, Riverside, CA Arthur Congdon, NASA Fellow, 2008-2010, Published astrophysics textbook author Dan Coe, Caltech Postdoc, 2007-2010, now ESA/AURA Astronomer, STScI | |
| EDUCATION | 1998 December 1994 December 1991 December 1991 December | Ph.D., Astrophysics, University of California, Berkeley M.A., Astronomy, University of California, Berkeley B.Sc., Physics, Honors, Cum Laude, University of Arizona B.Sc., Astronomy, Honors, Cum Laude, University of Arizona | |